FEATURE	LOCATION	ROCK TYPE	ROCK AGE	STRUCTURE TYPE	STRUCT. AGE	SOURCES	COMMENTS
27. Star Peak - Luning Basin closure, Luning - Fence-maker thrust belt.	N.W. NV	Back arc basin seds. deformed by regional greenschist-amphibolite meta. & locally by granitic plutons & related contact meta.	Seds: ~380-210 Ma Meta: <230 Ma Migmatite ~201 Ma Granite 185 Ma & 113 - 108 Ma	Thickening to ~10-12km by thrusting. ~100km shortening. High grade amphibolite meta. shear. 201 Ma - migmatite concordant with meta. foliation. 185 Ma granite cuts foliation & over-prints with contact hornfels.	~220 - 185 Ma	Wyld & Wright, 1997 Wyld, 2002 DeCelles, 2004	New (older) age for earliest Mesozoic thrusts in Nevada. No contemporary compressional structures in W. Klamath or N. Sierra arcs. Were arcs located to south in late Triassic and displaced to present position by early Cretaceous Mojave-Snowlake Fault? (See 26 & 30.) Outstanding summary of ~100My Mesozoic-Eocene compressional tectonic construction of the NA Cordillera. First of six tectonostratigraphic zones within the orogen (see 31, 34, 35, 36 & 40). Key illustrations.